

Title (en)

Apparatus for magnetic field and magnetic gradient enhanced filtration

Title (de)

Vorrichtung für ein Magnetfeld und durch magnetischen Gradienten verstärkte Filterung

Title (fr)

Appareil de champ magnétique et de filtration améliorée de gradient magnétique

Publication

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Application

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Priority

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Abstract (en)

An apparatus (11) for the solid-liquid separation of a solid-liquid mixture containing magnetic particles (15), comprising (a) a tubular filtration region having an axis, wherein the side walls of the tubular region comprise filtration material (12); (b) material (13) that provides magnetic field gradients when placed in a magnetic field wherein the material (13) resides in proximity to the axis of the tubular filtration region along the length thereof; and (c) means to provide a magnetic field.

IPC 8 full level

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